



SEQUENCE LISTING

<110> Khosla, Chaitan  
Kao, Camilla

<120> METHOD TO PREPARE MACROLIDE ANALOGS

<130> 300062-20005.09

<140> US 10/733,184

<141> 2003-12-10

<150> US 09/740,313

<151> 2000-12-18

<150> US 08/846,247

<151> 1997-04-30

<160> 24

<170> FastSEQ for Windows Version 4.0

<210> 1

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<223> Primer rapAT2 (forward)

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27

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<223> Primer rapAT2 (reverse)

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<212> DNA

<213> Artificial Sequence

<220>

<223> Primer rapKR2 (forward)

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36

<210> 4

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<212> DNA

<213> Artificial Sequence

<220>

<223> Primer rapKR2 (reverse)

<400> 4  
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 tttctgcagg gcgtggaccg ggcggctgcc 30  
  
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 <212> DNA  
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 <223> Primer rapDH/ER/KR1 (left half) (reverse)  
  
 <400> 8  
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 <210> 9  
 <211> 30  
 <212> DNA  
 <213> Artificial Sequence  
  
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<223> Primer rapDH/ER/KR1 (right half) (reverse)

<400> 10  
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<210> 11  
 <211> 24  
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<220>  
 <223> Junction sequence for PstI site

<400> 11  
 gagccccagc ggtactggct gcag 24

<210> 12  
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 <212> DNA  
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<220>  
 <223> Junction sequence for XbaI site

<400> 12  
 tctagagcgg tgcaggcggc cccg 24

<210> 13  
 <211> 30  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Primer (forward) for left flank

<400> 13  
 tttggatccg ttttcgtctt cccaggtcag 30

<210> 14  
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<220>  
 <223> Primer (reverse) for left flank

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<210> 15  
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<220>  
 <223> Primer (forward) for right flank

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<220>  
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 <212> DNA  
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 <400> 17  
 gaacaccagc gcttctggct gcag 24  
  
 <210> 18  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Resulting junction sequence for XbaI site  
  
 <400> 18  
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 <210> 19  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Resulting engineered DEBS/rapAT2 junction  
  
 <400> 19  
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 <210> 20  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Resulting engineered DEBS/rapAT2 junction  
  
 <400> 20  
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 <220>  
 <223> Oligonucleotide linker designed to generate  
         PstI-compatible ends upon hybridization  
  
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 <210> 22

<211> 55  
 <212> DNA  
 <213> Artificial Sequence  
  
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       XbaI-compatible ends upon hybridization  
  
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 <210> 23  
 <211> 12  
 <212> DNA  
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 <223> Sequence at the fusion  
  
 <400> 23  
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 <210> 24  
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 <212> DNA  
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 <223> Sequence at the fusion  
  
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